



**107<sup>th</sup> and Union Hills  
Design Concept Report  
Public Meeting  
December 2010**

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FCD Project Manager

# Agenda

- **Project Location**
- **Background**
- **Project Status**
- **Alternatives Analysis**
- **Questions and Comments**

# Location

- Near the Agua Fria River
- 107<sup>th</sup> to 115<sup>th</sup>
- Union Hills to Bell
- Cities of Peoria and Surprise



# Background

- **City of Peoria submitted CIP Request to FCD to alleviate flooding problems**
- **Recommended with additional analysis to quantify regional drainage problems.**
- **Two phases to Project**
  - ◆ **Phase 1 to identify extent of flooding problems and determine potential for regional solution**
  - ◆ **Phase 2 to perform alternatives analysis and develop a Recommended Plan**

# Background (Cont.)

## Phase 1 Tasks:

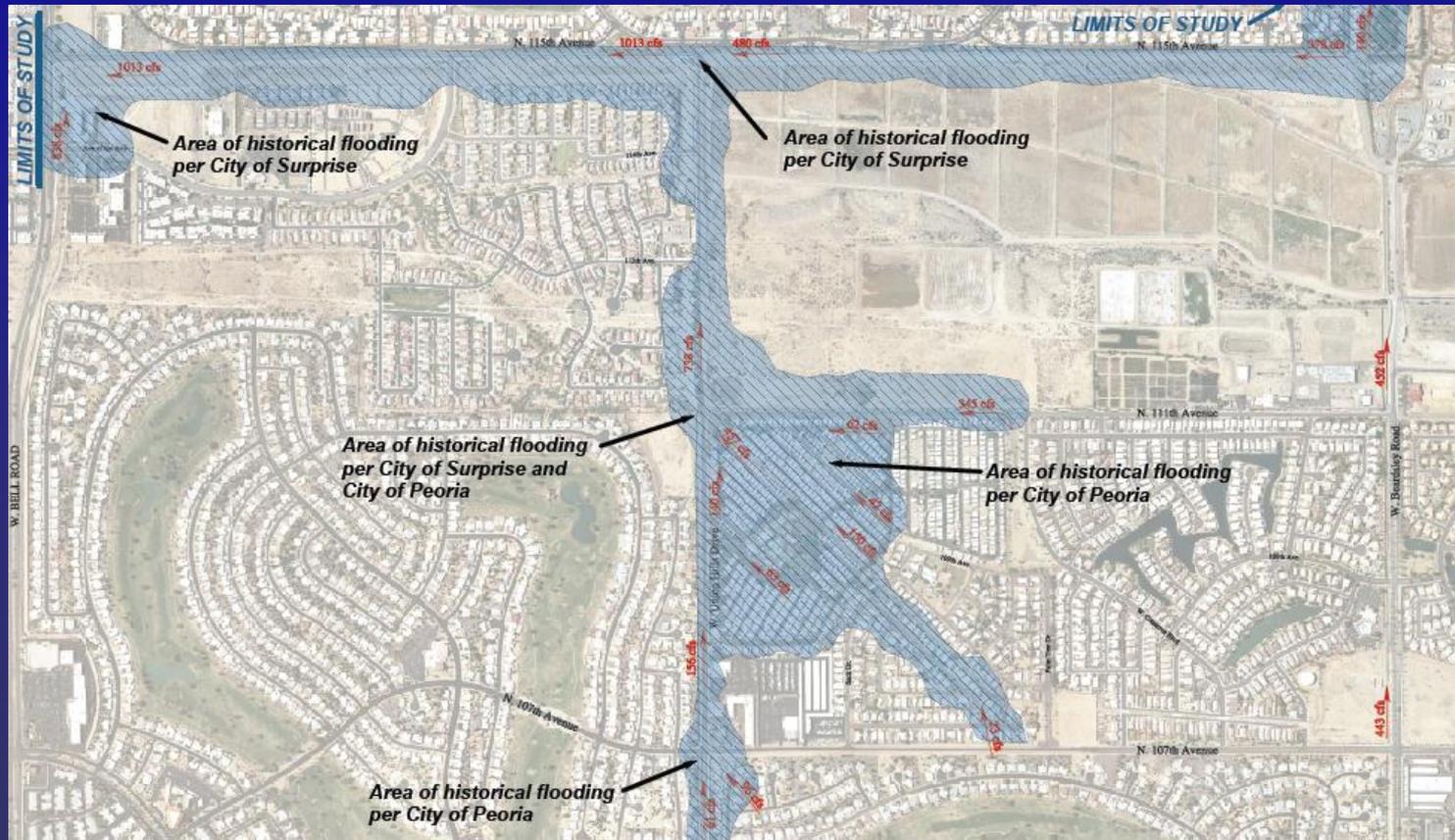
- Data Collection;
- Existing Condition Analyses

## Phase 2 Tasks:

- Alternatives Comparison;
- CSFHM Analysis and Multiple-Use Opportunities;
- Develop Recommended Alternative & Plan



# Flooding Context



# **Status of the Project**

**Phase 1 (Completed July 2010)**

**Phase 2 (Begun September 2010)**

- **Refined flooding problems analysis.**
- **Continuous Stakeholder Coordination**
- **Alternatives formulation is in progress.**
- **1<sup>st</sup> Public Meeting (Dec. 2010).**
- **Develop Recommended Plan, March 2011.**

# Alternatives Analysis

- **Combination of Pipes, Channels, and Basins to Contain & Convey 100-Year Flooding**
- **Project Can't Create New Adverse Impacts**
- **Potential for Coordination of Project w/ Regional Trails System**



**PUBLIC MEETING**  
**December 8, 2010**

# **Questions**